

DOCKET NUMBER: RP9-95-017**DECLARATION AND POWER OF ATTORNEY FOR  
PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the specification of which: (check one)

XXX is attached hereto.

— was filed on \_\_\_\_\_  
under Attorney's Docket Number RP9-95-017  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

I hereby claim the benefit of foreign priority under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application the priority of which is claimed:

Prior Foreign Application(s):

None \_\_\_\_\_ (Number) (Country) (Filing Date)

Priority Claimed

Yes No

I hereby claim the benefit of United States priority under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

None \_\_\_\_\_ (Application Serial #) (Filing Date) (Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

H. St. Julian	Reg. No. 30,329	Daniel E. McConnell	Reg. No. 20,360
George Grosser	Reg. No. 25,629	Bernard D. Bogdon	Reg. No. 24,773
Anthony N. Magistrale	Reg. No. 35,595	Martin J. McKinley	Reg. No. 31,782

Send correspondence to Daniel E. McConnell, IBM Corp., PC Co. Legal Dept., Dept. 9CCA/Bldg. 002-2, Research Triangle Park, NC 27709 and direct all telephone calls to Daniel E. McConnell at (919) 543-1105.

*2/24* FULL NAME OF INVENTOR: Randal Lee Bertram

INVENTOR'S SIGNATURE: Randal Lee Bertram

DATE: 8/22/96

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CITIZENSHIP: USA

POST OFFICE ADDRESS: 12112 Inglehurst Drive, Raleigh, North Carolina, 27613-5528

*2/25* FULL NAME OF INVENTOR: David Frederick Champion

INVENTOR'S SIGNATURE: David Frederick Champion

DATE: 8/22/96

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*2/26* FULL NAME OF INVENTOR: Peter James Brittenham

INVENTOR'S SIGNATURE: Peter James Brittenham

DATE: 8/22/96

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**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 09, 1996

PTAS

INTERNATIONAL BUSINESS MACHINES CORP.  
DANIEL E. MCCONNELL  
INTELLECTUAL PROPERTY LAW DEPT.  
DEPT. 9CCA/002-2, P.O. BOX 12195  
RTP, NC 27709-2195



\*100285828A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

JC135 U.S. PRO  
09/143967 08/31/98

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/22/1996

REEL/FRAME: 8164/0751  
NUMBER OF PAGES: 3

**BRIEF:** ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

BERTRAM, RANDAL LEE

DOC. DATE: 08/22/1996

ASSTGNOR:

CHAMPION, DAVID FREDERICK

DOC. DATE: 08/23/1996

**ASSIGNOR:**

BRITTENHAM, PETER

DOC. DATE: 08/22/1996

**ASSIGNEE:**

INTERNATIONAL BUSINESS MACHINES CORP.  
OLD ORCHARD ROAD  
ARMONK, NEW YORK 10504

PC COR  
LEGAL DEPT  
RALEIGH  
FILING DATE: 08/22/1996  
DEC 23 1996

SERIAL NUMBER: 08703171  
PATENT NUMBER:

SHARMALLA SIMPSON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

In place of Form PTO-595



10-08-1996



100285828

A/10  
PATENT  
08/703171  
DOCKET NUMBER: RP9-95-017

PATENTS

To the Honorable Commissioner of Paten

ched original document(s) or copy thereof:

1. Name of conveying party(ies):

Randal Lee Bertram  
David Frederick Champion  
Peter Brittenham

MUD  
8.22.96

2. Name and address of receiving party:

INTERNATIONAL BUSINESS MACHINES CORP.  
Old Orchard Road  
Armonk, New York 10504

Additional name(s) & address(es) attached?

Yes XXX No

J135 U.S. PTO 09/143967  
08/31/98

3. Nature of conveyance: XXX Assignment Execution Date: August 22, 1996, August 22, 1996 and August 22, 1996

4. Application or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: August 22, 1996,  
August 22, 1996, and August 22, 1996

A. Patent Application No.(s):

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed:

Daniel E. McConnell  
INTERNATIONAL BUSINESS MACHINES CORP.  
Intellectual Property Law Dept.  
Dept. 9CCA/002-2  
P. O. Box 12195  
RTP, NC 27709-2195



10/07/96

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

Authorized to be charged to deposit account

8. Deposit account number: 09-1990

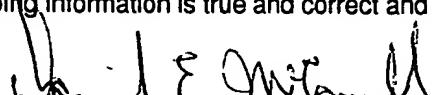
(Duplicate copy of this sheet is attached)

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Daniel E. McConnell  
Name of Person Signing

  
Signature

22 Aug 96  
Date

Total number of pages including cover sheet, attachments and document: 2

Mail document(s) to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D. C. 20231

**PATENT**

DOCKET NUMBER: RP9-95-017

**A S S I G N M E N T**

Whereas, we,

(1)	Randal Lee Bertram County Of Wake	Of Raleigh, State Of North Carolina
(2)	David Frederick Champion County Of Durham	Of Durham, State Of North Carolina
(3)	Peter Brittenham County Of Wake	Of Apex, State Of North Carolina

have invented certain improvements in

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and executed a United States patent application therefor on the following date(s):

(1) 8/22/96, and (2) 8/22/96  
(3) 8/22/96

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Research Triangle Park, NC</u>	<u>8/22/96</u>	<u>Randal Lee Bertram</u> Randal Lee Bertram
(2)	<u>Research Triangle Park NC</u>	<u>8/22/96</u>	<u>David Frederick Champion</u> David Frederick Champion
(3)	<u>Research Triangle Park, NC</u>	<u>8/22/96</u>	<u>Peter James Brittenham</u> Peter James Brittenham